













## San Antonio's Drought Management Plan

- SA's water supply is dependent on the Edwards Aquifer
- Stage levels are based on measured feet above sea level
- During hot summer days the level drops about 1.25 feet per day and fills about 1 foot per inch of rain if rain is located above the recharge zone.

Level 650...
Implement stage 1
Level 640... stage 2
Level 630... stage 3

measured at monitoring well J17



### Stage 1 - level = 650 ft.

- No run-off permitted for any type of activity.
- · Restaurants only serve water when asked.
- Pools covered at least 25% when not in use.
- Watering/irrigation permitted once per week on designated days, not allowed between 10AM and 8PM.
- No restriction on hand-held hose watering.



#### Stage 2 - level = 640 ft.

- All Stage 1 restrictions.
- No fountain use, unless treated water is used.
- Hand-held hose watering not permitted between 8 AM and 8PM.
- Once a week irrigation on designated days.



### Stage 3 - level = 630 ft.

- All stage 1 and stage 2 restrictions.
- Hand-held hose water only 5 hours per day on designated days.
- Irrigation every other week on a designated da.y
- 30% of swimming pool fill water must come from other source not the Edwards Aquifer.
- Vehicle washing only on designated days; no run-off water permitted.



# Notes:

- Designated days are based on the last digit of address.
- Neighbors turn on neighbors.
- Police cite businesses and home owners; tickets for violations
- SAWS Enforcement team respond to violations and reported violations
- SAWS and Police receive hundreds of calls each day during drought stages.
- No one is above the law.

















Testing: \$ 16 /quarter Pump out holding tank: \$200 /quarter

• Chemicals: \$105/month (shock bacteria) →

\$315 /quarter

• Routine Maintenance: \$200 /quarter

• **Total:** \$731 /quarter



## **Studies**

• Local lab testing and recommendations: \$1800

• USPHS CIH Investigation: \$4500

